

Philips headphone collections - 2012

PHILIPS

sense and simplicity

A passion for music

For those who share our passion for music, Philips headphones keep you immersed in your tunes. Music is a way of life, personal and subjective. Whether you are working out or escaping the hassles in the city, Philips headphone collections deliver compelling details and high-fidelity acoustics that put you in your very own pristine musical space. Only the best sound and your hand-picked tracks can take you where you belong.

Which collection is for you? For those who want the best, Philips' top of the line Fidelio headphone collection delivers every detail faithfully in clear natural sound. Sports enthusiasts and active adventurers get their music fix in big powerful sound and a robust durable package with the ActionFit collection. Those passionate about the urban music scene spice up their daily commute – and their attire - with the CitiScape collection.

Totally immersive, impeccably crafted, stylishly designed, amazingly comfortable and built to last, Philips headphone collections are the choice to keep the passion for music alive.





Hear music as the artist intended

We are obsessed with sound, for 50 years and counting. Today, we continue our passion to deliver the highest standards in sound and comfort. Philips Fidelio headphones series is the perfect combination of our passion and mastery in acoustics, design, and craftsmanship.

M1, the ultra-compact headphones ideal for outdoor use, features a closed-back design, delivering outstanding sound in a lightweight package. L1 boasts a semi-open acoustic design for a stellar Hi-Fi sound experience with round timbre, tight bass, ultra-deep soundstage, precise spatial image and a perfect balance. X1 is an audiophile's dream come true - indoor studio monitor-grade headphones delivering the most natural, rich and precise sound you'd ever expect, for your very own personal auditorium at home.

All meticulously built in premium materials for long-lasting comfort and durability, Philips Fidelio headphones give you the best in-class sound anytime, anywhere.





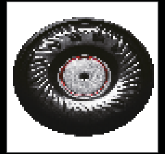
Philips Fidelio X1

Indoor headphones

Acoustic open-back architecture for pristine audio fidelity



Powerful 50mm neodymium drivers for wide yet precise range



Genuine calf leather headband for style and durability



Breathable velour material to dissipate pressure and heat



Self-adjustable hammock with airy mesh for perfect fit



Tangle-free kevlar-reinforced woven cable for durability





Capture every detail



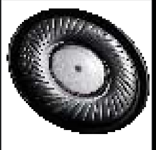
Philips Fidelio L1

Over-ear headphones

Acoustic semi-open back architecture for natural sound



High-definition optimally vented neodymium speaker drivers



Engineered aluminum earshells for acoustic precision



Memory foam earpads designed for an ergonomic fit



In-line remote, microphone

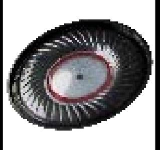


Philips Fidelio M1

On-ear headphones



Acoustic closed-back architecture for the best noise isolation



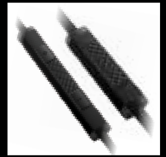
40mm neodymium drivers for true-to-original sound



Bass reflex system, for clear, dynamic and balanced bass



Deluxe breathable earpads and memory foam for optimal fit



In-line control for easy music and calls (Apple or Universal)



Philips CITISCAPE headphones collection



Watch the CITISCAPE story unfold

My city. My space. My music.

Every city has its own unique personality, but the world's greatest cities share common traits. They have a distinct aesthetic and dynamic vibe born from the fusion of diverse cultures, and they pulsate with the aspiration and energies of its people.

The CitiScape collection takes inspiration from today's most vibrant cities and their music-loving urbanites who add color and cadence to everyday life. It is this collective magnetism and spirit that's reflected in every detail of the collection, from its creative philosophy to its design language and packaging.





Philips **CITI**SCAPE

UPTOWN

Finely tuned 40mm premium drivers deliver precision sound



MusicSeal keeps your music in and all to yourself



Over-ear sound isolating cushions block out the city's noise



Air-quilted headband for long-listening comfort on the move



Memory foam cushions keep you comfortably immersed in music



Switch from music to phone calls with built-in microphone





SHL**5905GY**



SHL**5905BK**

Philips **CITI**SCAPE

DOWNTOWN



Finely tuned 40mm drivers deliver clear and natural sound



MusicSeal keeps your music in and all to yourself



On-ear sound isolating cushions block out the city's noise



Flat 1.2m anti-tangle cable keeps you kink- and knot-free



Memory foam cushions keep you comfortably immersed in music



Switch from music to phone calls with built-in microphone



SHL**5605BK**



SHL**5605GY**



SHL**5605PP**





Philips **CITI**SCAPE

SHIBUYA

Powerful 40mm drivers deliver deep and dynamic bass



Soft foam cushions for music enjoyment in true comfort



On-ear sound isolating cushions block out the city's noise



Flat 1.2m anti-tangle cable keeps you kink- and knot-free



Switch from music to phone calls with built-in microphone





SHL5205BK



SHL5205BL



SHL5205PK



SHL5205PP



SHL5205WT

Philips **CITI**SCAPE

ST. GERMAIN



Precisely tuned 10mm drivers deliver clear & detailed sound



Magnetic fluted earbuds ensure neat and easy storage



Choose from 3 pairs of ear caps for a perfect fit



Flat 1.2m anti-tangle cable keeps you kink- and knot-free



Switch from music to phone calls with built-in microphone



Smart sliding cable for effortless music sharing



SHE5105BK



SHE5105PP



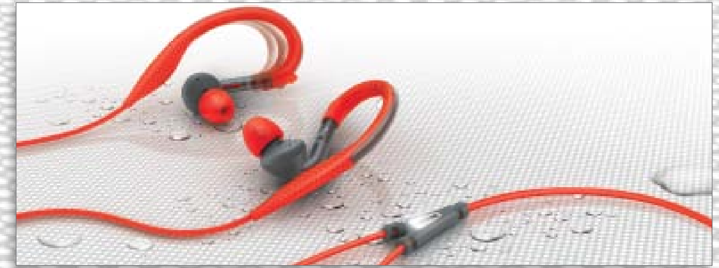


Tuned for sports

Powerful, durable and tailored with Superfit, the Philips ActionFit sports headphones are precision engineered to drum out the best audio experience for the fitness enthusiast. The headphones put you in your stride, delivering great music without breaking focus, momentum or motivation. Outstanding sound quality and adjustable components ensure you'll find ActionFit the perfect companion for whatever gets your heart pumping.

These durable headphones feature robust Kevlar-reinforced cables, and are sweat and rain proof, letting you get your adrenaline rush whatever the weather. The lightweight and flexible headphones come in four different styles, each with its own unique ergonomic design that ensures a comfortable and secure fit. Ear caps are made to sit snugly and provide enhanced sound isolation.

Put on ActionFit for power, performance and endurance.



Philips *Action*Fit

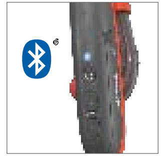
SHB6017

Bluetooth® sports stereo headset

9mm drivers for excellent sound



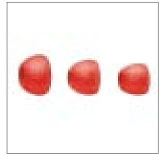
Wireless *Bluetooth*® headphones for true workout freedom



Sweat resistant and rain proof – ideal for any workout



3 choices of silicon ear caps





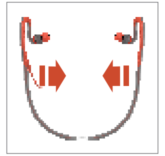
Philips *Action*Fit

SHQ4200

Sports neckband headphones



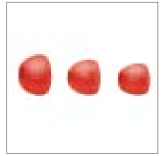
9mm drivers for excellent sound



Flexible neckband auto-adjusts to your head for perfect fit



Sweat resistant and rain proof – ideal for any workout



3 choices of silicon ear caps



Philips *Action*Fit

SHQ3200

Sports earhook headphones

9mm drivers for excellent sound



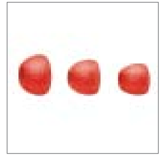
Patented adjustable earhook for a secure fit



Kevlar-reinforced cable for ultimate durability



3 choices of silicon ear caps





Philips *Action*Fit

SHQ1200

Sports in-ear headphones



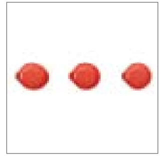
13.6mm drivers deliver powerful sound



Sweat resistant and rain proof – ideal for any workout



Kevlar-reinforced cable for ultimate durability



3 choices of silicon ear caps



Philips indoor headphones



Come home to superior sound

Open, circumaural indoor headphones deliver natural-sounding audio and an incredibly wide soundstage. Enjoy unrivalled comfort even in extended use, and greater freedom with wireless technology or longer cables.

Wireless solutions eliminate the hassle of cables, but remain uncompromised on sound quality, delivering superb, uninterrupted audio that is distortion-free. The SHD9200 offers top cinematic 3D sound, while the SHD9000 is perfect for Hi-Fi listening.

Wired headphones are acoustically tuned to provide the sensational sound experience that Philips is so well known for. Engineered for extended use, these headphones are light and ultra-comfortable.

Bring home the Philips experience – sound that is true to the original, sound that hands you freedom of enjoyment.



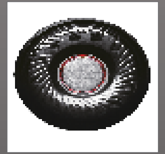






SHD9200

Digital wireless Hi-Fi headphones



40mm neodymium speaker drivers for superior Hi-Fi sound



3D sound technology for multi-dimensional cinematic sound



Open-back architecture with 50 air vents for smooth, transparent sound



100m transmission range for freedom of enjoyment at home



Docking station for convenient charging and storage



Dual digital and analog inputs to connect 2 audio sources

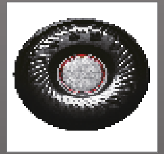
3D sound





SHD9000
Digital wireless Hi-Fi headphones

40mm high power neodymium speakers



Self-adjusting inner headband fits any head shape



Ergonomic ear cushions design



Docking station ensures care free recharging



SHP3000
Hi-Fi stereo headphones



Acoustically tuned 40mm speakers for detail balanced sound



Over-ear type provides excellent sound isolation



Highly breathable perforated-cushions to disperse heat



Auto-adjustable earshells allow a custom fit



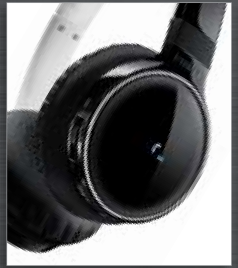
Philips outdoor headphones



Great sounds made exceptional

Philips outdoor headphones deliver superb sound and comfort. Acoustically tuned to bring you outstanding music enjoyment, the headphones are armed with master-engineered speaker drivers. Coupled with expert noise isolation and innovations in ergonomic design, they deliver immersive listening experiences that are simply delightful. Choose from a range of styles: in-ear or headband, and wired or wireless – and enjoy the refined, discreet designs that you can be proud to wear.

Philips headphones – produced for performance, designed for comfort.









SHL9700
On-ear headphones

FloatingCushions design allows you to adjust the earshells to the shape of your ear



Precise audio detail from superior performance speakers



Memory foam ear cushions for long-wearing comfort



Lightweight yet durable aluminum outer earshells



SHB9100
Bluetooth® stereo headset



FloatingCushions design allows you to adjust the earshells to the shape of your ear



Solid bass and clear sound from digital enhancement



Memory foam ear cushions for comfortable, long listening sessions



Full headband cushion provides a long listening comfort



SHB9100



SHB9100 WT



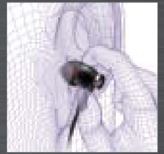


SHE9000
In-ear headphones

Bass fidelity and true-to-life sound



Integrated Flexi-grip, for easy grip and fit to the ears



Anti-tangle slider prevents tangling whilst in storage



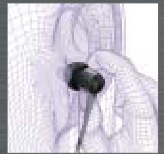
Comply™ foam tips mold to your ear, for noise isolation



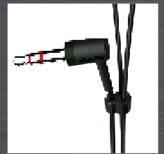
SHE7000
In-ear headphones



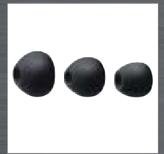
Strong bass and clear sound from micro efficient speakers



Perfect fit and noise isolation from compact earphones



Anti-tangle slider prevents tangling whilst in storage



3 sizes of soft ear caps



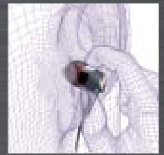


SHE8000
In-ear headphones

Deep bass and noise isolation from high performance speakers



Integrated Flexi-grip, for easy grip and fit to the ears



Anti-tangle slider prevents tangling whilst in storage



Extra soft caps for long listening comfort



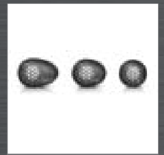
SHE4600
Earbud headphones



15mm speakers optimize sound experience



Neodymium magnet enhances bass performance and sensitivity



3 sizes of air-cushioned ear scaps for superb comfort



Gold-plated plug ensures an ultra reliable connection





Bring out your true colors

Colors are unique – and there is always one that reflects your individuality. Vibrant, discreet or strong – whatever your persona, there is a color that is simply just you. Colorwave brings you a suite of hues that are wearable, in shades that are fresh and yet timeless – echoing your very style. Or put all the colors at your disposable, and pick one to match your outfit, your mood or the occasion. Every Colorwave promises comfort and powerful bass, for a wonderful listening experience anytime, anywhere.

Color up and that's you.





SHE3590
In-ear headphones

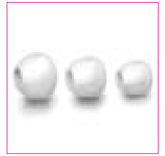
Small efficient drivers reproduce dynamic bass



Ultra-small for snug comfy in-ear fit



3 interchangeable rubber ear caps for optimal fit



SHE3000
Earbud headphones

15mm drivers to deliver extra bass sound



Rubberized cap earbud design for best comfort fit



Durable Flexi-Grip makes a strong flexible connection



SHL3000
On-ear headphones



32mm drivers deliver powerful and dynamic sound



Soft ear cushions for comfortable, long listening sessions



Adjustable earshells and headband fits the shape of any head



SHL3000



SHL3000PP



SHL3000WT



SHL3000BR



SHL3000RD



SHL3000BL



Philips PC gaming headset



Engage all your senses, loud and clear

You want action. You want fun. You want a sanctuary away from the daily hassles. PC games are fun, but they just aren't the same when the sound breaks up. Sound effects are such an important part of the game. A fun game deserves a good headset to do it justice.

Philips PC gaming headsets are made to engage with all your senses, for a total immersive experience in the virtual world. For hyper-real gaming fun, turn on the 3D SRS surround sound. Or pump up the beat with bass boost. Designed to pick up your voice but not the background noises, the mic makes sure your teammates can hear you clearly. Carefully tuned speaker drivers deliver clear and crisp sound even at high volumes. Hard-core gamers play for hours on end and with Philips PC gaming headsets being so comfortable, you won't even notice they are there.





SHG8200
PC gaming headset

Finely tuned 40 mm drivers deliver true clarity



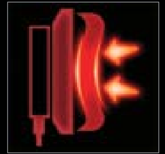
SRS surround sound for full game immersion



Spring loaded inner headband auto-adjust for maximum comfort



Leatherette cushions for advanced gaming comfort



Mute and volume controls on ear-cans for quick adjustments

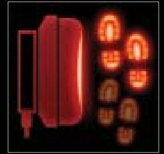


360 degree microphone picks up all your commands

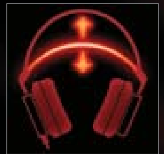




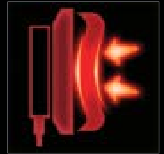
SHG8000
PC gaming headset



Finely tuned 40 mm drivers deliver true clarity



Spring loaded inner headband auto-adjust for maximum comfort



Leatherette cushions for advanced gaming comfort



Mute and volume controls on ear-cans for quick adjustments



360 degree microphone picks up all your commands





SHG7980
PC gaming headset

Powerful 40mm drivers deliver explosive bass

Detachable and adjustable microphone for clear commands

USB connection for immersive true to life digital sound

Noise cancellation microphone filters out background noise

In-line mute & volume controls for quick adjustments

SHG7210
PC gaming headset

40mm drivers for extra bass

Detachable microphone tube for clear commands

Soft cushions for long gaming comfort

High sensitivity mini microphone for everyday chat

In-line mute & volume controls for quick adjustments





Smartphone music never sounded so good

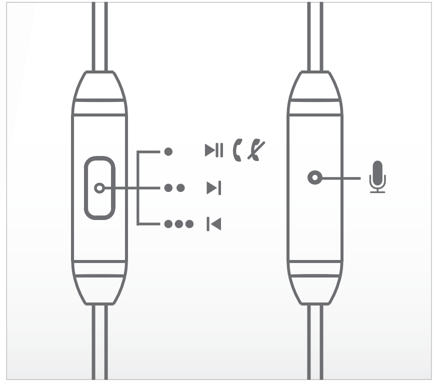
Smartphones abound in everyday life, keeping you connected, giving you access to news and letting you enjoy your music. The options are limitless.

Get the best out of the music on your smartphone with Philips headsets. Made to provide you a more immersive listening experience with the songs you love or crystal clear sound with the conversations you have, the headsets are designed to work with both Apple and Android™ phones. Expert acoustic engineering and attention to detail ensure superior sound and comfort, to keep your favorites going all the time.

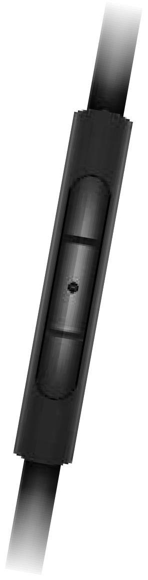
Expect more out of your smartphone listening experience with Philips headsets.

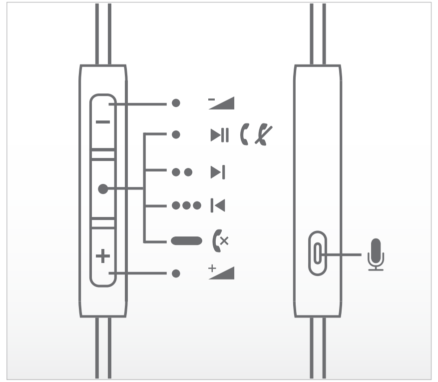
Universal, Apple and Android™ headsets





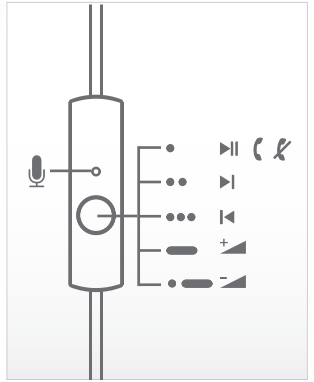
Microphone and remote compatible with unprotected 3.5mm standard such as iPhone®, Blackberry®, HTC, LG, MOTOROLA, NOKIA, SAMSUNG, SONY. *





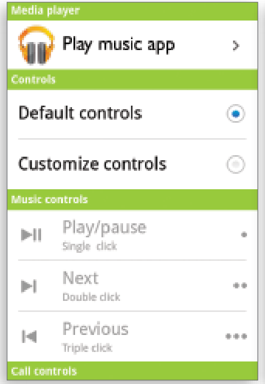
Made for iPod iPhone iPad

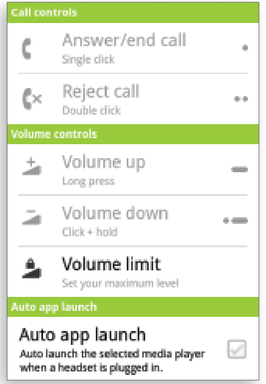




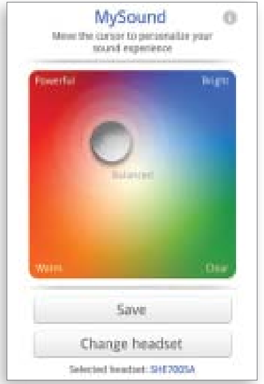
ANDROID APP ON Google play

Button command
Customize your own settings for call and music control





Sound customization
Choose your own sound preference



PHILIPS

The Philips App for Android headsets

⏯ *Play/pause* ⏭ *Next track* ⏮ *Previous track* *Answer* *End call* *Reject call* *Volume up* *Volume down* *Microphone*

● *Single Click* ●● *Double Click* ●●● *Triple click* ▬ *Long press*

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- *Android™ and Google Play are trademarks of Google Inc..*
- *All company and product names are trademarks of the respective companies with which they are associated.*

* *Functions availability may vary based on mobile phone compatibility.*

Product overview

PHILIPS
Fidelio
sense and simplicity

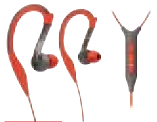
	Fidelio X1	Fidelio L1	Fidelio M1
	 New	 Made for iPod iPhone iPad	
Acoustic system	Open	Semi-open	Closed
Speaker diameter	50 mm	40 mm	40 mm
Sensitivity	100 db	105 db	106 db
Impedance	30 Ohm	26 Ohm	16 Ohm
Frequency response	10 - 40,000 Hz	12 - 25,000 Hz	15 - 24,000 Hz
Maximum power input	500 mW	200 mW	150 mW
Magnet type	Neodymium	Neodymium	Neodymium
By-pack accessories	• Cable management clip • Adapter plug: 6.3mm - 3.5mm • Detachable OFC woven cable (3m)	• Extra cable with Made for Apple in-line remote • Storage pouch • 6.3mm adaptor for home audio devices	• US: Made for Apple in-line remote • EU: in-line mic and pick up for multi Smartphones brands • Storage pouch
With microphone	---	Yes	Yes
Compatible with	• Audio players with 3.5mm jack • Hi-Fi system with 6.3mm jack • iPhone®, iPod®, iPad®	• Audio players with 3.5mm jack • iPhone®, iPod®, iPad®	• Audio players with 3.5mm jack • US: iPhone®, iPod®, iPad® EU: iPhone®, iPod®, iPad®, Blackberry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Sony
Marketing launch	2012 September	2011 November	2012 May

Philips CITISCAPE
collection

	Uptown SHL5905BK / GY	Downtown SHL5605BK / GY / PP	Shibuya SHL5200BK / WT	Shibuya SHL5205BK / WT / BL	St. Germain SHE5105BK / PP
					
Acoustic system	Closed	Closed	Closed	Closed	Closed
Speaker diameter	40 mm	40 mm	40 mm	40 mm	10 mm
Sensitivity	103 db	102 db	103 db	103 db	102 db
Impedance	30 Ohm	32 Ohm	32 Ohm	32 Ohm	16 Ohm
Frequency response	12 - 23,500 Hz	18 - 22,000 Hz	10 - 20,000 Hz	10 - 20,000 Hz	6 - 23,500 Hz
Maximum power input	30 mW	30 mW	30 mW	30 mW	15 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	---	---	---	---	---
MusicSeal	Yes	Yes	---	---	---
With microphone	Yes, plus volume control	Yes	---	Yes	Yes
Compatible with	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony
Marketing launch	2012 March	2012 March	2012 March	2012 March	2012 March

*New model only

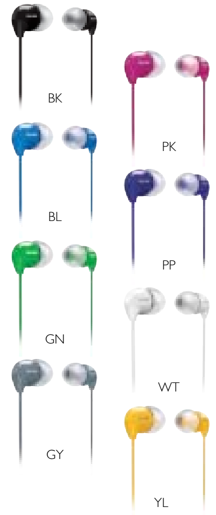
Philips *Action*Fit

	SHQ1200	SHQ1217	SHQ3200	SHQ3217	SHQ4200	SHQ4217	SHB6017
	 New	 New iPod iPhone iPad	 New	 New iPod iPhone iPad	 New	 New iPod iPhone iPad	 New Bluetooth iPod iPhone iPad
Speaker diameter	13.5 mm	13.5 mm	9 mm	9 mm	9 mm	9 mm	8.6 mm
Sensitivity	110 dB	110 dB	102 dB	102 dB	102 dB	102 dB	102 dB
Impedance	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm
Frequency response	30 - 20,000 Hz	30 - 20,000 Hz	15 - 22,000 Hz	15 - 22,000 Hz	15 - 22,000 Hz	15 - 22,000 Hz	15 - 22,000 Hz
Maximum power input	10 mW	10 mW	20 mW	20 mW	20 mW	20 mW	20 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	• Sports pouch • Clip	• Sports pouch • Clip	• Sports pouch • Clip	• Sports pouch • Clip	• Sports pouch • Clip	• Sports pouch • Clip	• Sports pouch
Compatible with	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, iPod®, iPad®	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, iPod®, iPad®	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• iPhone®, iPod®, iPad®	• iPhone®, iPod®, iPad®
Bluetooth® profiles	---	---	---	---	---	---	• A2DP • AVRCP • Handsfree • Headset
Bluetooth® version	---	---	---	---	---	---	2.1
Battery type	---	---	---	---	---	---	LI-Polymer
Music playtime	---	---	---	---	---	---	4.5 hrs
Rechargeable	---	---	---	---	---	---	Yes
Standby time	---	---	---	---	---	---	200 hrs
Talk time	---	---	---	---	---	---	4.5 hrs
Marketing launch	2012 September	2012 September	2012 September	2012 September	2012 September	2012 September	2012 October

*New model only

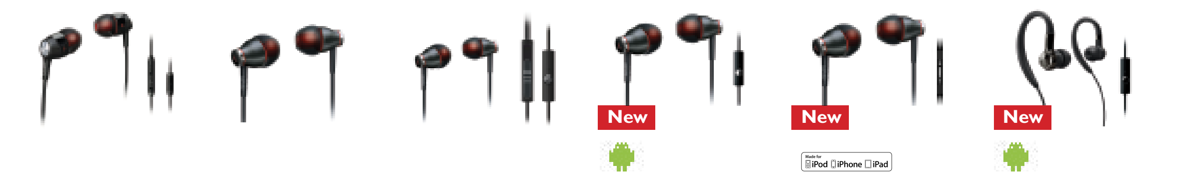
	SHD9200	SHD9000	SHP8000	SHP6000	SHP3000
	 New	 New			 New
Acoustic system	Open	Semi-open	Semi-open	Semi-open	Semi-open
Speaker diameter	40 mm	40 mm	40 mm	40 mm	40 mm
Sensitivity	105 dB	102 dB	104 dB	105 dB	104 dB
Impedance	32 Ohm	32 Ohm	32 Ohm	32 Ohm	32 Ohm
Frequency response	17 - 24,000 Hz	17 - 23,000 Hz	15 - 24,000 Hz	16 - 23,000 Hz	20 - 20,000 Hz
Maximum power input	50 mW	50 mW	100 mW	100 mW	100 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
Cable length	---	---	1.4 m	3 m	3 m
Operation time	Up to 20 hrs	Up to 20 hrs	---	---	---
By-pack accessories	• Rechargeable NiMH (AAA) batteries (2 pcs) • RCA cable • Power Adapter	• Rechargeable NiMH (AAA) batteries (2 pcs) • RCA to RCA cable • Power Adapter	---	---	---
Compatible with	• Digital and Analogue sound systems	• Digital and Analogue sound systems	---	---	---
Marketing launch	2012 December	2012 September	2011 September	2011 September	2012 September

	SHG8200	SHG8000	SHG7980	SHG7210
				
Acoustic system	Semi-open	Semi-open	Semi-open	Closed
Speaker diameter	40 mm	40 mm	40 mm	40 mm
Sensitivity	100 db	100 db	93 db	98 db
Impedance	28 Ohm	28 Ohm	32 Ohm	32 Ohm
Frequency response	20 - 22,000 Hz	20 - 22,000 Hz	20 - 20,000 Hz	20 - 20,000 Hz
Maximum power input	100 mW	100 mW	500 mW	100 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	• USB for SRS	---	• Detachable mic boom	• Detachable mic boom
Plug type	• USB / 2 x 3.5mm connector	• 2 x 3.5mm connector	• USB	• 2 x 3.5mm connector
Marketing launch	2012 March	2012 March	2012 March	2012 March

	SHE3590 series	SHE3500 series / SHE3501 series	SHE3000 series	SHE2100 series (For US only)	SHE2000 series / SHE2001 series
					
Acoustic system	Closed	Closed	Open	Open	Open
Speaker diameter	9 mm	9 mm	15 mm	15 mm	15 mm
Sensitivity	103 dB	100 dB	115 dB	107 dB	110 dB
Impedance	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm
Frequency response	12 - 23,500 Hz	12 - 22,500 Hz	12 - 22,000 Hz	12 - 22,000 Hz	12 - 22,000 Hz
Maximum power input	50 mW	50 mW	50 mW	50 mW	50 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	• 3 sizes rubber caps	• 3 sizes rubber caps	---	---	---
Marketing launch	2012 March	2012 June	2012 March	2012 March	2012 March



	SHE4600	SHE4607	SHE7000 / WT / BR	SHE7005	SHE7005A	SHE8000 / WT
Acoustic system	Open	Open	Closed	Closed	Closed	Closed
Speaker diameter	15 mm	15 mm	8.6 mm	8.6 mm	8.6 mm	10 mm
Sensitivity	107 db	107 db	105 dB	105 dB	107 dB	100 dB
Impedance	32 Ohm	32 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm
Frequency response	18 - 22,000 Hz	18 - 22,000 Hz	10 - 23,500 Hz	10 - 23,500 Hz	19 - 21,000 Hz	10 - 23,500 Hz
Maximum power input	30 mW	30 mW	50 mW	50 mW	25 mW	15 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
Cable length	1.2 m	1.2 m	1.2 m	1.2 m	1.2 m	1.2 m
By-pack accessories	• 3 sizes rubber earbuds	• 3 sizes rubber earbuds	• 3 sizes rubber caps	• 3 sizes rubber caps • Extra connector cable	• 3 sizes rubber caps • Extra connector cable	• 3 sizes ultra-soft silicon caps
Compatible with	---	• iPhone®, iPod®, iPad®	---	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®,Sony	• For Android mobile	---
Marketing launch	2012 September	2013 March	• 2011 September • Facelife 2012 June	2012 June	2012 June	• SHE8000 2011 March • SHE8000WT 2011 September



	SHE8005	SHE9000	SHE9005	SHE9005A	SHE9007	SHS8105A
Acoustic system	Closed	Closed	Closed	Closed	Closed	Closed
Speaker diameter	10 mm	10 mm	10 mm	10 mm	10 mm	8.6 mm
Sensitivity	100 dB	102 dB	102 dB	108 dB	102 dB	107 db
Impedance	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm	16 Ohm
Frequency response	10 - 23,500 Hz	6 - 23,500 Hz	6 - 23,500 Hz	17 - 23,000 Hz	6 - 23,500 Hz	19 - 22,000 Hz
Maximum power input	16 mW	15 mW	15 mW	30 mW	15 mW	30 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
Cable length	1.2 m	1.2 m	1.2 m	1.2 m	1.2 m	1.2 m
By-pack accessories	• 3 sizes ultra-soft silicon caps • Extra 3.5mm stereo connector	• 3 sizes ultra-soft silicon caps • Comply™ memory foam tip	• 3 sizes ultra-soft silicon caps • Comply™ memory foam tip • Extra connector cable	• 3 sizes ultra-soft silicon caps • Comply™ memory foam tip	• 3 sizes ultra-soft silicon caps • Comply™ memory foam tip	---
Compatible with	• iPhone®, Blackberry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	---	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Palm®, Sony	• For Android mobile	• iPhone®, iPod®, iPad®	• For Android mobile
Marketing launch	2011 March	2011 March	2012 June	2012 June	2013 March	2012 June

*New model only

	SHL1000	SHL1700 / BL / PP / RD	SHL1705BK / WT	SHL3000 / WT / BR / RD / BL / PP
				
Acoustic system	Open	Open	Open	Closed
Speaker diameter	32 mm	30 mm	32 mm	32 mm
Sensitivity	99 dB	102 dB	103 dB	106 dB
Impedance	32 Ohm	32 Ohm	32 Ohm	24 Ohm
Frequency response	22 - 20,000 Hz	20 - 20,000 Hz	19 - 20,000 Hz	20 - 20,000 Hz
Maximum power input	30 mW	30 mW	30 mW	30 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	---	---	---	---
Compatible with	---	---	• iPhone®, BlackBerry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Sony	---
Marketing launch	2012 March	• SHL1700 2011 March • SHL1700BL/PP/RD 2011 September	2011 September	2012 June

	SHL4000	SHL4005	SHL8807	SHL9300	SHL9307
					
Acoustic system	Closed	Closed	Closed	Open	Open
Speaker diameter	32 mm	32 mm	40 mm	40 mm	40 mm
Sensitivity	102 dB	102 dB	107 db	105 dB	105 dB
Impedance	32 Ohm	32 Ohm	32 Ohm	32 Ohm	32 Ohm
Frequency response	18 - 21,000 Hz	19 - 21,000 Hz	15 - 24,000 Hz	10 - 28,000 Hz	10 - 28,000 Hz
Maximum power input	40 mW	40 mW	100 mW	50 mW	50 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	---	---	---	---	---
Compatible with	---	• iPhone®, Blackberry®, HTC, LG, Samsung*, MOTOROLA, Nokia*, Sony	• iPhone®, iPod®, iPad®	---	• iPhone®, iPod®, iPad®
Marketing launch	2011 September	2012 March	---	2011 March	2011 March

*New model only

	SHL9450	SHL9700	SHL9705A	SHB9100 / WT
			New 	 New Bluetooth
Acoustic system	Semi-open	Semi-open	Semi-open	Semi-open
Speaker diameter	40 mm	40 mm	40 mm	40 mm
Sensitivity	106 dB	101 dB	101 dB	---
Impedance	32 Ohm	32 Ohm	32 Ohm	32 Ohm
Frequency response	10 - 23,000 Hz	18 - 23,000 Hz	18 - 23,000 Hz	18 - 21,000 Hz
Maximum power input	50 mW	50 mW	50 mW	50 mW
Magnet type	Neodymium	Neodymium	Neodymium	Neodymium
By-pack accessories	• Travel pouch	---	---	---
Compatible with	---	---	• For Android mobile	• *Bluetooth®* enabled devices
Bluetooth® profiles	---	---	---	• A2DP • AVRCP • HFP • HSP
Bluetooth® version	---	---	---	2.1 + EDR
Battery type	---	---	---	Li-Polymer
Music playtime	---	---	---	9 hrs
Rechargeable	---	---	---	Yes
Standby time	---	---	---	200 hrs
Talk time	---	---	---	9 hrs
Marketing launch	2011 September	2011 September	2012 March	• SHB9100 2011 September • SHB9100WT 2012 April

*New model only

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